Practitioner's Docket No	D.1611	PATENT
IN THE UNITED STAT	ES PATENT AND TR	ADEMARK OFFICE
Patent application		
ofJohn Menzel and	Richard Caruso	
	Inventor(s)	P
for STRUCTURAL FABR		OR PRODUCTION THEREOF
	Title of invention	
the specification of which is being	transmitted herewith	
	OR	
In re application of:		
Application No.: 0 /	Group No.:	
Filed:	Examiner:	
For:	Examinor.	
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	ents Box 1450	
	andria, VA 223	13_1450
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	Signature	
Date: July 17, 2003	Joa	an C. Lewis
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(Information Disclosure Statement [6-1]—page 1 of 7____)

- NOTE: "An information disclosure statement shall be considered by the Office if filed by the applicant:
 - (1) Within three months of the filing date of a national application;
 - (2) Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; or
 - (3) Before the mailing date of a first Office action on the merits, whichever event occurs last." 37 C.F.R. § 1.97(b).
- NOTE: "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section." 37 C.F.R. § 1.56(a).

"Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) each inventor named in the application;
- (2) each attorney or agent who prepares or prosecutes the application; and
- (3) every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application." 37 C.F.R. § 1.56(c).
- NOTE: The "duty as described in § 1.56 will be met so long as the information in question was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98 before issuance of the patent." Notice of January 9, 1992, 1135 O.G. 13 -25 at 17.

WARNING: "No information disclosure statement may be filed in a provisional application." 37 C.F.R. § 1.51(b).

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

(check sections forming a part of this statement: discard unused sections and number pages consecutively)

1.	\mathbf{x}	Preliminary Statements						
2.	∇	FORMS PTO/SB/08A and 08B (formerly FORM PTO-1449)						
3.		Statement as to Information Not Found in Patents or Publications						
4.		Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted						
5.		Cumulative Patents or Publications						
6.	Σ	Copies of Listed Information Items Accompanying This Statement						
7.		Concise Explanation of Non-English Language Listed Information Items						
		7A. EPO Search Report						
		7B.						
8.		Translation(s) of Non-English Language Documents						
9.		Concise Explanation of English Language Listed Information Items (Optional)						
10.	X	Identification of Person(s) Making This Information Disclosure Statement						

, respectively, have been continued on ADDED PAGE(S).

NOTE: "Once the minimum requirements are met, the examiner has an obligation to consider the information." Notice of April 20, 1992 (1138 O.G. 37-41, 37).

(complete the following, if appropriate)

Sections

Section 1. Preliminary statements

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Secti n 2. F rms PTO/SB/08A and 08B (f rmerly F rm PTO-1449)

NOTE: With respect to the list required by paragraph (b) of 37 C.F.R. 1.98, the Notice of April 20, 1992 (1138 O.G. 37-41) points out that:

"The list may not be incorporated into the specification but must be submitted in a separate paper. A separate list is required so that it is easy to confirm that applicant intends to submit an information disclosure statement, and because it provides a readily available checklist for the examiner to indicate which identified documents have been considered. A copy of a separate list will also provide a simple means of communication to applicant to indicate the listed documents that have been considered and those listed documents that have not been considered. Use of form PTO-1449, "Information Disclosure Citation, is encouraged."

NOTE: "An information disclosure statement may include two list[s (Jand two certifications)]]... in situations where some of the information listed was cited in a communication from a foreign patent office not more than three months prior to filing the statement and some was not, but was not known more than three months prior to filing the statement." Notice of April 20, 1992 (1138 O.G. 37-41, 40).

NOTE: With respect to the examiner's consideration of the Information Disclosure Statement, the Notice of April 20, 1992 (1138 O.G. 37-41) states:

"If information is listed in the specification rather than in a separate paper, or if the other content requirements "" are not complied with, the examiner will notify applicant in the next Office action that the information has not been considered. It should be noted, however, that no copy of a U.S. patent application is required to be submitted. "" Where a U.S. patent application is properly cited, the examiner should obtain access to that file within the Office.

"Examiners must consider all citations submitted in conformance with the rules and this section and place their initials adjacent [sic] the citations on a list or in the boxes provided on a form PTO-1449. If the citations are submitted on a list other than a form PTO-1449, the examiner may write "all considered" and his or her initials to indicate that all citations have been considered. If any of the citations are considered, a copy of the submitted list or form, as reviewed by the examiner, will be returned to the applicant with the next communcation. The original copy of the form will be entered into the application file. The copy returned to applicant will serve both as acknowledgement of receipt of the information disclosure statement and as an indication that the references were considered by the examiner. Forms PTO-326 and PTOL-37 include a box to indicate the attachment of form PTO-1449.

"Information which complies with requirements as discussed in this section but which is in a non-English language will be considered in view of the concise explanation submitted "" and insofar as it is understood on its face, e.g., drawings, chemical formulas, in the same manner that non-English language information in Office search files is considered by examiners in conducting searches. The examiner need not have the information translated unless it appears to be necessary to do so. "" The examiner should not require that a translation be filed by applicant. The examiner should not make any comment such as that the non-English language information has only been considered to the extent understood, since this fact is inherent.

"Since information is required to be listed in a separate paper rather than in the specification, there is no need to mark "All checked" or "Checked" in the margin of a specification containing citations.

"If a statement fails to comply with the requirements as discussed in this section for an item of information, a line should be drawn through the citation to show that it has not been considered. The other items of information listed that do comply with the rules and this section will be considered by the examiner and will be appropriately initialed.

* * * * *

"A citation listed on form PTO-1449 and considered by the examiner in accordance with this section will be printed on the patent. A citation listed in a separate paper, equivalent to but not on form PTO-1449, and considered by the examiner in accordance with this section will be printed on the patent if the list is on a separate sheet which is clearly identified as an information disclosure statement and the list lends itself to easy capture of the necessary information by the Office printing contractor, i.e., each item of information is listed on a single line, the lines are at least double-spaced from each other, the information is uniform in format for each listed item, the list includes a column for the examiner's initials to indicate that the information was considered. If a citation is not printed on the patent but has been considered by the examiner in accordance with this section, the patented file will reflect that fact . . . "

(Information Disclosure Statement — Section 2. FORMS PTO/SB/08A and 08B [6-1] — page __4_ of __7__)

S cti n 6. C pi s of List d Inf rmation It ms Ac mpanying This Stat m nt

- NOTE: 37 C.F.R. 1.98(a)(2) requires that any information disclosure statement filed under § 1.97 shall include: "A legible copy of: (1) Each U.S. and foreign patent; (ii) Each publication or that portion which caused it to be listed; and (iii) All other information or that portion which caused it to be listed, except that no copy of a U.S. patent application need be included . . . "
- NOTE: The wording in § 1.98(a)(2)(iii) makes it clear that the requirement to submit a copy of each item of information listed in an information disclosure statement does not apply to the citation of a U.S. patent application. Notice of January 9, 1992, 1135 O.G. 13-25, at 14.

Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement.

(complete the following, if applicable)
o above:

Exception(s)	to above:
	Items in prior application, from which an earlier filing date is claimed for this application, as identified in Section 4.
	Cumulative patents or publications identified in Section 5.

Section 10. Identificati n f Pers n(s) Making This Information Discl ur Statem nt

The pers	on r	nakir	ng this	s statement is	
				(check eac	ch applicable item)
(a)		the	e inve	entor(s) who signs	below
			•		SIGNATURE OF INVENTOR
					(type name of inventor who is signing)
(b)					ith the filing and prose- (37 C.F.R. § 1.56(c))
					SIGNATURE OF INVENTOR
					(type name of inventor who is signing)
(c)	\mathbf{x}			ctitioner who signs rmation:	below on the basis of
				(check eac	ch applicable item)
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Reg. No.:		19,	908		John E. Toupal
Tel. No.:	6 08	3) 87	72-3	781	(type or print name of practitioner) 116 Concord Street
Customer	No	.:	003	574	P.O. Address
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(Sheet	1	of	1	Attorney Docket Number	D.1611	

	U.S. PATENT DOCUMENTS							
Examiner Initials	No.1 Number Kind Code ²		Kind Code ²	Name of Patentee or Applicant of Cited Document :	Date of Publication of Cited Document MM-DD-YYYY	Passages or Relevant Floures Appear		
		4,947,89	97	Binnersley et al	08-14-19	90		
		4.816.32	27	Binnersley et al	03-28-1989			
		5.911.9			06-15-1999			
		5 344 68		Grimnes	09-06-1994			
		5, 569, 3	44	Grimnes	10-29-1996			
		5.176.7	75	Montsinger	01-05-1991	8		
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	FOREIGN PATENT DOCUMENTS										
Examiner	Cite	F	oreign Patent Do	curnent	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	П			
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.